The American Economic Review

VOLUME VI

BOARD OF EDITORS

J. L. COULTER F. A. FETTER

CLIVE DAY H. J. DAVENPORT H. E. MILLS T. W. PAGE

MANAGING EDITOR DAVIS R. DEWRY

ITHACA, N. Y. AMERICAN ECONOMIC ASSOCIATION 1916

Copyright 1916 by American Economic Association

The American MAI 31 1916 Economic Review

VOLUME VI, NO. 1

MARCH, 1916

J. L. COULTER F. A. FETTER BOARD OF EDITORS
CLIVE DAY
H. E. MILLS

H. J. DAVENPORT

MANAGING EDITOR DAVIS B. DEWEY

The Comparative Yield on Trade and Public	
Service Investment . J. E. STERRETT	1
Service investment	
The Standard of Living-Up or Down? HENRY PRATT FAIRCHILD	26
The Tariff and the Ultimate Consumer . HARVEY A. WOOSTER	
The Farmer's Income E. A. GOLDENWEISER	38
The Influence of Speculative Market-	
ing upon Prices ABBOTT PAYSON USHER	40
ing upon Prices ADDOLLARD T. ELY	41
Russian Land Reform RICHARD T. ELY	2000
Depreciation Reserves as Affected by Property	
Growth	
Reviews and Titles of New Books	90
(For complete list of books, see second page of cover)	
	190
Documents, Reports, and Legislation National Conference on Marketing and Farm Credits JAMES E. BOYLE	190
National Conference on Marketing and Farm Credits And St. S. STEVENS	195
Farm Machinery Trade Associations . W. H. S. SIEVENS	198
Valuation of a Public Utility MARTIN J. SHUGRUE	203
Making and Using of Index Numbers . FREDERICK R. MACAULAY	211
The New York Revenue Situation . H. A. E. CHANDLER	217
Life Insurance Investments and Farm Mortgages . W. F. GEPHART	
Periodicals	220
Correspondence: Standard Accident Table . I. M. RUBINOW	280
Correspondence	258
Notes	Reserved.

Publication Office: Princeton, N. J.

Subscriptions: American Economic Association, Ithaca, N. Y.

Editorial Office: 491 Boylston Street, Boston, Mass.

Entered at the Pest Office, Princeton, N. J., as second-class mail matter

Copyright, 1916, by American Economic Association
Price, in paper \$1.35

General Works, Theory and Its History	
KELLER Societal Fronting by It A Dames	9
Periodical Abstracts: Theory, by W. M. Adriance and A. N. Young	3
Economic History and Geography	
ALVORD and CARTER, The Critical Period, 1763-1765, by A. C. Ford. FLIPPIN, Financial Administration of the Colony of Virginia, by F. W. Pitman LAUT, The Canadian Commonwealth, by J. C. Hemmeon. LAPSON, Introduction to Economic History of England, by C. M. Andrews GRAS, Evolution of English Corn Market, by R. B. Westerfield. FISH, American Diplomacy, by E. L. Bogart. HENRY, The Political Economy of War, by O. M. W. S. Bassett HIRST, The Political Economy of War, by O. M. W. S. LAWSON, British War Finance, 1914-1915, by O. M. W. S. SOMBART, The Quintessence of Capitalism, by D. C. Munro. SUMNER, Challenge of Facts and Other Essays, by A. B. Wolfe. Titles of New Books. Periodical Abstracts: History, by E. L. Bogart and C. Day. 22	9999
	20
Agriculture, Mining, Forestry, and Fisheries Book Reviews Robinson, Development of Agriculture in Minnesoto, by G. K. Holmes to Haney, editor, Land Problem in Texas, by P. L. Vogt. 10 PALMER, Swamp Land Drainage, by C.W. Wassam. 11 Galpin, Social Anatomy of an Agricultural Community, by P. L. Vogt. 11 Titles of New Books. 11 Periodical Abstracts: Agricultural Economics, by J. L. Coulter. 22	100000000000000000000000000000000000000
Manufacturing Industries	
Book Reviews Dungar, The Tin-Plate Industry, by S. Litman	3 4
Transportation and Communication	
Book Reviews Holmes, Regulation of Railroads and Public Utilities in Wisconcin, by A. M. Sakolski	I
Trade, Commerce, and Commercial Crises	
Book Reviews HUEBNER, Agricultural Commerce, by F. R. Rutter	400
Commune on have 3 of conest	

CONTENTS

RTICLES:	PAGE
Barometer, Business, Construction of, Based upon Annual Data	609
Industry	
Property Growth	770
Farmer's Income, The	808
The Comparative Yield onJ. E. STERRETT Land Reform, RussianRICHARD T. ELY Marketing Farm Produce by Parcel Post	
and Express	589
ernment Fostered, by the Automatic Tempering of Its SecuritiesFrederick Kelloog Blue	0.00
Mortality, American, Factors inLouis I. Dublin Prices, The Influence of Speculative	
Marketing upon	49
Valuation in the Control of Return. JOHN BAUER	568
of Return on	869
Railroad Right-of-Way, Valuation of A. M. Sakolski	. 288
Revenue Act, The New	. 837
Tariff, The, and the Ultimate Consumer. Harvey A. Woosten	
Taxation of Banks, State and LocalFred Rogers Fairchild Tax Exemption through Tax Capitaliza-	. 851
tion: a Fiscal Fallacy	
tion: A Reply Edwin R. A. Seligman	. 790
Trade Organization in ChinaAlbert C. Muhse	309
Wage Theories in Industrial Arbitration. Wilson Compton	324
EVIEWS OF BOOKS:	961
Alcantara, El Capitalismo y el Problem económico. By J. Klein Alvord and Carter, The Critical Period, 1763-1765. By A. C. Ford	91
American Labor Year Book. By R. F. F	922
Andrews, Relation of Irregular Employment to the Living Wage fo	. 619
Women. By L. Eaves	. 403
Ashworth, The Helper and American Trade Unions. By J. M. Motley	
BABCOCK, Scandinavian Element in the United States. By A. B. Wolf-Barnes, The Longshoremen. By W. O. Weyforth	667
Beard, Economic Origins of Jeffersonian Democracy. By C. H. Lever	
BIDWELL, Rural Economy in New England. By A. E. Cance	. 885
BLANTON, Credit: Its Principles and Practice. By L. Galloway	. 136
Bogart, Business Economics. By C. W. Doten	. 131
Bolton, Power for Profit. By M. J. Shugrue	
Brinton, Graphic Methods for Presenting Facts. By A. A. Young	
Bristol, Social Adaptation. By C. D	

Brown, Prevention and Control of Monopolies, Br. Wilson.	PAGE
Brown, Prevention and Control of Monopolies. By M. B. Hammond.	939
BUFFINGTON New England and the W. Regulation. By M. Ferguson	632
Bullock, Agricultural Credit. By J. E. Pope. Bunting, Elementary laws of Advertising. By E. D. L.	620
BULLOCK, Agricultural Credit. By J. E. Pope	400
Removes The Administration of the Dy L. D. Jones	197
Calkins, The Business of Advertising. By E. D. Jones. Carver, Essays in Social Justice. By A. S. Johnson. Selected Readings in Rural Economics.	620
CARVER, Essays in Social Justices De A C. 7.1	127
, Selected Readings in Rural Economics. By J. L. Coulter.	347
Cuts Cur The Tariff Daubler is Chin B. Dy J. L. Coulter	891
CHRYSTIE, Inheritance Taxation in the State of New York. By H. B. G.	928
CLAY, H., Economics. By H. E. Mills.	414
CLAY, P., Sound Investing. By A. W. Atwood.	971
CLEVELAND-STEVENS, English Railways. By E. R. Dewsnup COHEN, Law and Order in Industry. By N. I. Stone.	118
Corr. The Soul of Appenies By N. I. Stone	664
Corr, The Soul of America. By A. B. Wolfe	170
Coller, Labour in War Time. By G. E. B. Coller, Minimum Wage Legislation in Australasia, By M. B. Hammond Commerce of Block Legislation in Australasia, By M. B. Hammond	147
Commerce of Rhade Island 1738 1800 B. Hammond	408
Barnett	654
Credit Man's Diagrant in St. Louis. By C. A. E	653
Credit Man's Diary, 1916. By H. R. T. CROWELL, Trusts and Competition. By M. H. Robinson.	588
CROWELL, Trusts and Competition. By M. H. Robinson	141
Cushing, Voting Trusts. By A. S. Dewing. Daillinger, Pittsburgh; A Sketch of Its Early Life. By E. L. B Darling on Trusts. By H. B. T.	144
DARLING, Darling on Trusts. By H. R. T.	889
DOULTTLE, COSt Of Urban Transportation Service R. C C DL.L.	895
trust time at a little of the	
Three Scandinavian Countries, By N. I. Stone.	359
DRURY, Scientific Management. By F. G. Coburn. DUNBAR, The Tin-Plate Industry. By S. Litman.	133
and though Accident and Health incurance Re I I Dublin	1 17 13
DURAND, I FUNT PRODUCING DV M. H. Robinson	1.1.1
Ednaudi, Corso di Sciena della Finanze Ry R F Fooreton	679
European Regulation for the Prevention of Occupational Discourse	
E. R. Hayhurst. Ferres, Economic Principles. By C. W. Doten. Fish, American Diplomacy. By E. L. Bogart. Fishes, Mathematical Theory of Prophylitidia, Ph. E. R. W.	920
Figh. American Diplomacy By F. J. Powert	343
Fisher, Mathematical Theory of Probabilities. By E. B. W	101
FLIPPIN, Financial Administration of Colony of Virginia By F W	443
Pitman	92
Floy, Value for Rate Making. By H. V. Hayes	647
FLOY, Value for Rate Making. By H. V. Hayes. FRANKLIN, Cost of Living. By W. E. Clark. GAPPIN, Social Austrony of the Control of the Contro	412
Contract Country Children in the State of the Contract of the	
Vogt GANTT, Industrial Leadership. By C. B. Thompson	115
Gerstenberg, Materials of Cornoration Finance By II D W. 18	380
GHOSH, Theory of Cooperative Credit. By J. R. Marman	159
Gerstenberg, Materials of Corporation Finance. By H. R. Hatfield Ghosh, Theory of Coöperative Credit. By J. B. Morman. Government of the City of Rochester, N. Y. By W. Kirk.	932
GILLETTE, Sociology. By C. A. Ellwood. GRAS, Evolution of English Corn Market. By R. B. Westerfield	880
Gras, Evolution of English Corn Market. By R. B. Westerfield	98
Groat, Organized Labor in America. By F. T. Carlton	913

GUENTHER, Investments and Speculation. By A. W. Atwood	371
States. By A. N. Young Some Probable Effects of Exemption of Improvements from	158
Taxation in the City of New York. By A. N. Young	158
HANEY, editor, Land Problem in Texas. By P. I. Voot	108
HARLAN and McCandless, Federal Trade Commission. By W. H. S. Stevens	651
Stevens Harvey and Bradford, Manual of the Federal Trade Commission. By W. H. S. Stevens.	651
HAYES, Introduction to the Study of Sociology, By F. H. Hankins	615
HECKER, Russian Sociology. By C. A. Ellwood	350
Heft, Holders of Railroad Bonds and Notes. By A. S. Dewing Henderson, C. R. Citizens in Industry. By H. C. Metcalf	905
HENDERSON, C. R. CHIZERS IN INDUSTRY. By H. C. Metcaif	167
HENRY, H. M., Police Control of the Slave in South Carolina. By J. S.	
Bassett Henry, A., The Trade Union Woman. By E. Abbott	148
Hess, Productive Advertising. By J. R. Turner	379
Hirst, The Political Economy of War. By O. M. W. S.	103
HOARE, Old Age Pensions. By R. F. Foerster.	176
HOLLANDER, The Abolition of Poverty. By A. S. Johnson.	347
Holmes, Regulation of Railroads and Public Utilities in Wisconsin.	111
By A. M. Sakolski. Hoxie, Scientific Management and Labor. By C. W. Mixter	373
Howe, Socialized Germany. By O. D. Skelton	356
Hsv, Railway Problems in China. By A. P. Winston	121
Huebner, G. G., Agricultural Commerce. By F. R. Rutter	
HUEBNER, S. S., Life Insurance, A Textbook, By W. F. Gephart	
HULTTEGGER, Die Bank von England. By C. A. Phillips	100
War. By E. L. Bogart	416
HUTCHINS, Women in Modern Industry. By E. Abbott	399
War. By E. L. Bogart. HUTCHINS, Women in Modern Industry. By E. Abbott Industrial Home Work in Massachusetts. By S. S. W. Walden JANES, Control of Strikes in American Trade Unions. By F. E. Wolfe	400
JANES, CONTROL OF STRIKES IN AMERICAN Trade Unions. By F. E. Wolfe	917
Jevons, The British Coal Trade. By E. Jones	300
United States. By C. Day	635
Jones, Digest of Workmen's Compensation Laws. By W. C. Fisher	434
Keller, Social Evolution. By F. A. Dewey. Kennedy, English Taxation, 1640-1799. By B. Terry. Ketcham, Essentials of Fire Insurance Business. By W. F. Gephart	90
KENNEDY, English Taxation, 1040-1799. By B. Terry	024
Ketchum, editor, Traffic Geography, By A. L. Bishop.	121
Ketchum, editor, Traffic Geography. By A. L. Bishop Kibler, The Commodities' Clause. By E. Jones	628
King, C. L., Lower Living Costs in Cities. By E. M. Hartwell	150
KING, W. I., Wealth and Income of People of the United States. By	
G. P. Watkins Kirkaldy, British Shipping. By J. R. Smith.	699
KIRKALDY and Evans, The History and Economics of Transport. By	033
J. Bardin	363
KNIFFIN, The Practical Work of a Bank. By O. M. W. S	157
Labor Library of Factory Management. By F. G. Coburn Laur, The Canadian Commonwealth. By J. C. Hemmeon	389
Lawson, British War Finance, 1914-1915. By O. M. W. S	103
LAYTON, Relations of Capital and Labour. By W. E. Weyl	148
LAYTON, Relations of Capital and Labour. By W. E. Weyl Leake, Means and Methods of Agricultural Education. By E. K. Eyerly	428
Lipson, Introduction to Economic History of England. By C. M.	
Andrews	95
McFall, Railway Monopoly and Rate Regulation. By E. J. Rich McLean, Charities of Springfield, Illinois. By F. D. Watson	486
MAHIN, Advertising. Dy E. D. Jones	127
Mender, Das moderne Zollschutzsystem. By S. Litman	677

Michigan C D A Manual 1012 D As v C	AGE
Michigan C P. A. Manual, 1915. By M. J. S.	390
Mongan, Land Credits. By J. B. Morman. Morn, Neue Wege schweizerischer Exportpolitik. By S. Litman	430
Moni, Neue Wege schweizerischer Exportnolitik Be S Literan	420
Morman, Principles of Rural Credit.	643
More, Industrial Arbitration. By J. G. Brooks MOULTON, Principles of Money and Banking. By E. E. Agger MUNRO, Principles and Methods of Municipal Administration. By	421
More, industrial Arbitration. By J. G. Brooks	658
Moulton, Principles of Money and Banking. By E. E. Agger	0.39
MUNRO, Principles and Methods of Municipal Administration D.	020
H. B. G. H. B.	
Nassary Old Age Payager in Generalish Village B. E. S. W.	680
Nassat, Old Age Poverty in Greenwich vinage. By F. D. Watson	686
NEARING, Income. By 1. S. Adams	182
Nystrom, Economics of Retailing. By P. T. Cherington	263
NASSAC, Old Age Poverty in Greenwich Village. By F. D. Watson Nearing, Income. By T. S. Adams Nystrom, Economics of Retailing. By P. T. Cherington Textiles. By W. A. G. Clark. O'Leary, Department Store Occupations. By H. E. M Orth, editor, Readings on Relation of Government Property and Industry. By H. R. Toudel	630
O'LEARY, Department Store Occupations Rev H E M	050
Open adiog Randings on Deletion of Control of Control	683
Oath, editor, headings on Relation of Government Property and In-	
dustry. By H. R. Tosdal. Palmer, Swamp Land Drainage. By C. W. Wassam. Pearl, Modes of Research in Genetics. By W. M. Adriance.	146
Palmer, Swamp Land Drainage. By C. W. Wassam	110
Pearl, Modes of Research in Genetics. By W. M. Adriance	400
PEDDIE. On the Relation of Imports to Exports By H D C	439
PEDDIE, On the Relation of Imports to Exports. By H. B. G. PHILLIPS, Readings in Money and Banking. By E. E. Agger.	124
D	923
Flenk, Government Finance in the United States. By H. B. Gardner	422
PLEID, Government Finance in the United States. By H. B. Gardner Post, Taxation of Land Values. By A. N. Young.	158
PRATT, E. A., Rise of Rail-Power in War and Conquest. By J. Bardin	969
PRATT, E. E., editor, Course in Foreign Trade. By M. T. Copeland.	202
Parriage Dy M. 1. Copeland.	901
RAYMOND, American and Foreign Investment Bonds. By H. Lyon	904
Regularity of Employment in Women's Ready-to-Wear Garmont In	
dustries. By L. Eaves	400
Report of Ontario Commission on Unemployment By W M Laigney	405
Ricci, Statistique Agricole Internationale, Ber F. A. C. L. Leiserson	403
Report of Ontario Commission on Unemployment. By W. M. Leiserson Ricci, Statistique Agricole Internationale. By E. A. Goldenweiser Ripley, editor, Trusts, Pools, and Corporations. By M. H. Robinson Ropperson A. Statistique and Corporations.	188
Robinson By M. H. Robinson	912
	638
ROBINSON, E. V. A., Development of Agriculture in Minnesota. By G. K.	
Holmes	106
Robinson, M. H., Organizing a Business. By W. H. Lough	100
Por English and Associated a Dushiess. Di W. Fl. Lough,	909
Roe, English and American Tool Builders. By Clive Day	618
Saliers, Principles of Depreciation. By J. Bauer	129
Saliers, Principles of Depreciation. By J. Bauer Schereschewsky, Studies in Vocational Diseases. By E. R. Hayhurst	397
Scott, Money and Banking. By F. T. Stockton	600
SELLARS. The Next Sten in Democracy Br. I. F. L. Danismal	013
SHARDY POLITICAL DESCRIPTION OF THE LEROSSIGNOT.	941
SHARFMAN, Railway Regulation. By L. H. Haney.	116
SMART, Second Thoughts of an Economist. By H. E. Mills. SMITH, Commerce and Industry. By T. W. Page	876
SMITH, Commerce and Industry. By T. W. Page	367
Elements of Industrial Management, By C B Thompson	277
, Elements of Industrial Management. By C. B. Thompson Sombart, The Quintessence of Capitalism. By D. C. Munro	201
Spaining Foreign Evaluation and Paraign Dills D. E. Stutter	104
SPALDING, Foreign Exchange and Foreign Bills. By E. W. Kemmerer Stamp, British Incomes and Property. By R. G. Blakey.	418
Grane, British Incomes and Property. By R. G. Blakey	675
	915
Summary of Report on Condition of Woman and Child Wage Farners	to Bit
in the United States. By E. Abbott	000
Sewyen Challenge of Feets and Other Brown D. A. D. W. T.	663
SUMNER, Challenge of Facts and Other Essays. By A. B. Wolfe	105
TAFT, Anti-Trust Act and Supreme Court. By M. H. Robinson	141
TAYLOR, Satellite Cities. By J. Ford	684
TEELE, Irrigation in the United States. By F. H. Newell	623
LIPPER AIRO OTHERS, Advertising Rv E. Il Longe	1.30
Tipper, The New Business. By E. D. Jones.	1.66
Ponyay Brokerage Accounts D. C C 11	127
TODMAN, Brokerage Accounts. By S. S. Huebner	649
Towne, Social Problems. By C. A. Ellwood	880
Unemployment Survey, 1914-1915. By W. M Leiserson	405
Unemployment among Women in Department Stores Ry I Faves	4/02
VEBLEN, Imperial Germany and Industrial Revolution. By S. B. Fay	050
	333
THE PARTY OF THE P	147565

C

Т

		AGE
	Webster, The Freedman's Bureau in South Carolina. By E. L. B Weld, The Marketing of Farm Products. By W. R. Camp	640
	Wiest, The Butter Industry in the United States. By L. D. H. Weld Wildman, Principles of Auditing. By W. M. Cole.	62.4.4.
	Problems of Accounting: By W. M. Cole. ———, Principles of Cost Accounting; Elementary Accounting; Problems of Accounting. By D. Friday WILLIS, American Banking; The Federal Reserve. By G. W. Dowrie WILLITS, The Unemployment in Philadelphia. By W. M. Leiserson WOLMAN, Boycott in American Trade Unions. By Harry W. Laidler	100
	Warra American Banking, The Federal Personal Par C. W. Downie	670
	Willis, American Danking, The Pederal Reserve. By G. W. Downe	405
	Worney Boycott in American Trade Unions By Harry W Laidler	303
	WRIGHT, The American City. By C. F. A. Currier	681
	WRIGHT, The American City. By C. F. A. Currier	630
	YIN CH'U MA, The Finances of New York City. By H. B. G	428
	Young, Single Tax Movement in the United States. By C. C. Plehn	926
	Zuerlin, American Municipal Progress. By D. H. Ramsey	425
C	ORRESPONDENCE:	
	A Defense of the Standard Accident Table. By I. M. Rubinow	250
Т	TITLES OF NEW BOOKS:	
-	Accounting, Investments, and the Exchanges	907
	Agriculture, Mining, Forestry, and Fisheries	
	Capital and Capitalistic Organizations	911
	Economic History and Geography	889
	General Works, Theory and Its History 90, 351,	882
	Insurance and Pensions	939
	Labor and Labor Organizations147, 411, 669,	
	Manufacturing Industries	893
	Money, Prices, Credit, and Banking	925
	Pauperism and Charities	941
	Population and Migration	931
	Socialism and Coöperative Enterprises	0.4.1
	Social Problems and Reforms	031
	Statistics and Its Methods	943
	Trade, Commerce, and Commercial Crises	
	Transportation and Communication	
I	DOCUMENTS, REPORTS, AND LEGISLATION:	
	Canal, The Welland, Enlargement of. By A. L. B	693
	Collective Bargaining in the Anthracite Coal Industry. By N. R.	
	Whitney	452
	Corporations	954
	Cost of Living Reports. By Frank H. Streightoff	458
	Credit Union, North Carolina. By William R. Camp	689
	Demography Exchange, Equation of for 1915. By Irving Fisher	466
	Exchange, Equation of for 1915. By Irving Fisher	457
	Export Trade Suggestions. By Avard L. Bishop	952
	Farm Management Survey, A Notable. By E. A. Goldenweiser	200
	Industries and Commerce	045
	Insurance 917 466 703	966
	Insurance	217
	Labor	955
	Labor Law, Child, The Federal. By Owen R. Lovejoy	955
	Lumber Markets, South American, By E. C. Robbins	945
	Marketing and Farm Credits, National Conference on. By James	3
	F Royle	100
	Money, Prices, Credit, and Banking	, 959
	Navigation Laws and Government Aid to Merchant Shipping. By	
	Grover G. Huebner	. 949

Pipe-Line Transportation of Petroleum. By Eliot Jones. Ports of the United States. By E. J. Clapp. Public Finance Public Utility, Valuation of a. By Martin J. Shugrue. Revenue Situation, The New York. By H. A. E. Chandler. Sliding Scale, the Boston, Report on. By Ralph E. Heilman. Tax Commission, the Colorado, The Attack upon. By R. M. Haig. Tariff Systems of South American Countries. By Avard L. Bishop. Trade Associations, Farm Machinery. By W. H. S. Stevens.	961 198 211 149
PERIODICAL ABSTRACTS:	
Accounting. By Martin J. Shugrue	771 775 988 773 969 967 99 90 987 89 99 95 99 97 97 97 97
THIRTEENTH LIST OF DOCTORAL DISSERTATIONS IN PO-	99
NOTES	09

CANAL FE FEBRU

CONTRIBUTORS

Leading articles are marked (a); document notes (d); periodical abstracts (p); and all others are reviews.

Abbott, E., 148, 399, 662. Adams, T. S., 182, 271 (a). Fisher, I., 457 (d). Adriance, W. M., 220 (p), 439, 467 (p), Fisher, W. C., 434. 704 (p). Agger, E. E., 923. Andrews, C. M., 95, 883. Atwood, A. W., 371. Bailey, W. B., 248 (p), 494 (p), 998 (p). Bardin, J., 363. Barnett, G. B., 147, 238 (p), 485 (p), 654, 717 (p), 989 (p) Barrett, D. C., 240 (p), 487 (p), 719 (p), 990 (p). Bassett, J. S., 102. Bauer, J., 129, 568 (a). Berglund, A., 653. Bishop, A. L., 121, 693 (d), 952 (d), 964 (d). Blakey, R. G., 675, 837 (a). Blue, F.K., 823 (a).
Bogart, E. L., 101, 221 (p), 416, 468 (p), 619, 620, 622, 623, 704 (p), 889, 967 (p). Boyle, J. E., 190 (d). Brooks, J. G., 658. Brown, H. G., 124. Camp, W. R., 640, 689 (d). Cance, A. E., 885. Carlton, F. T., 913. Chandler, H. A. E., 211 (d). Cherington, P. T., 382. Clark, A. B., 887. Clark, W. A. G., 626. Clark, W. E., 412. Clapp, E. J., 949 (d). Coburn, F. G., 133, 389, Cole, W. M., 644. Compton, W., 324 (a). Copeland, M. T., 224 (p), 473 (p), 707 (p), 901, 953 (d), 975 (p). Coulter, J. L., 223 (p), 891, 971 (p). Currier, C. F. A., 681. Day, C., 222 (p), 351, 471 (p), 618, 635, 707 (p), 969 (p). Dewey, F. A., 90. Dewing, A. S., 144, 238 (p), 484 (p), 485 (p), 905, 987 (p), 988 (p). Dewsnup, E. R., 118. Doten, C. W., 131, 343. Dowrie, G. W., 670. Dublin, L. I., 173, 523 (a). Eaves, L., 403. Ellwood, C. A., 350, 682, 880. Ely, R. T., 61, 874. Eyerly, E. K., 428. Fairchild, F. R., 851 (a).

Fairchild, H. P., 9 (a). Fay, S. B., 353.

Ferguson, M., 632. Foerster, R. F., 176, 679, 922. Ford, A. C., 91 Ford, J., 684, 726 (p), 999 (p). Friday, D., 125. Galloway, L., 136. Gardner, H. B., 422, 426, 428, 680. Gephart, W. F., 175, 217 (d), 934. Goldenweiser, E. A., 42 (a), 188, 444 (d). Haig, R. M., 961 (d). Hammond, M. B., 391, 408. Haney, L. H., 116. Hankins, F. H., 615. Harris, H. J., 246 (p), 414, 496 (p), 728 (p), 1000 (p). Hartwell, E. M., 150. Hatfield, H. R., 138. Hayes, H. V., 630, 647. Hayhurst, E. R., 307, 397, 920. Heilman, R. E., 236 (p), 449 (d), 483 (p), 715 (p), 984 (p). Hemmeon, J. C., 93. Hibbard, B. H., 589 (a). Hobson, A., 589 (a). Holmes, G. K., 106. Huebner, G. G., 649, 946 (d). Huse, C. P., 244 (p), 491 (p), 723 (p), 996 (p). Johnson, A. S., 347. Jones, E., 368, 447 (d), 628. Jones, E. D., 127. Kemmerer, E. W., 418. Kirk, W., 915, 932. Klein, J., 881. Laidler, H. W., 393. Leiserson, W. M., 405. LeRossignol, J. E., 941. Levermore, C. H., 352, 430. Lincoln, E. E., 869 (a) Litman, S., 113, 643, 677. Lough, W. H., 909. Lovejoy, O. R., 955 (d). Lyon, H., 904. Macaulay, F. R., 203. Marx, A., 609 (a). Metcalf, H. C., 167. Mills, H. E., 683, 876, 878. Mitchell, W. C., 638. Mixter, C. W., 373. Morman, J. B., 153, 420. Motley, J. M., 395. Munro, D. C., 104. Muhse, A. C., 309 (a). Nash, L. R., 69 (a). Newell, F. H., 623. Page, T. W., 367.

Parmelee, J. H., 227 (p), 476 (p), 709 (p), 977 (p).
Persons, W. M., 739 (a).
Phillips, C. A., 155.
Pitman, F. W., 92.
Plehn, C. C., 895, 926.
Pope, J. E., 420.
Putnam, G. E., 770 (a).
Ramsey, D. H., 425.
Rich, E. J., 897.
Rietz, H. L., 187.
Robbins, E. C., 945 (d).
Robinson, M. H., 141, 911, 912.
Rubinow, I. M., 936.
Rutter, F. R., 122.
Sakolski, A. M., 115, 288 (a).
Seligman, E. R. A., 790 (a).
Skelton, O. D., 356.
Smith, J. R., 633.
Sterrett, J. E., 1 (a).
Shugrue, M. J., 198 (d), 233 (p), 385, 390, 480 (p), 713 (p), 981 (p).
Stevens, W. H. S., 146, 195 (d), 651.
Sprague, O. M. W., 101, 103, 157.
Stockton, F. T., 673.
Stone, N. I., 359, 664.

Streightoff, F. H., 458 (d).
Taussig, F. W., 162.
Terry, B., 674.
Thompson, C. B., 377, 380.
Tosdal, H. R., 146, 388.
Turner, J. R., 379.
Usher, A. P., 49 (a).
Vogt, P. L., 108, 112, 808 (a).
Walden, S. S. W., 400.
Wassam, C. W., 110.
Watkins, G. P., 441.
Watson, F. D., 249 (p), 436, 686.
Weld, L. D. H., 892.
Westerfield, R. R., 98.
Weyforth, W. O., 667.
Weyl, W. E., 148.
Whitney, N. R., 452.
Wilson, E. B., 443, 939.
Winston, A. P., 121, 928.
Wolfe, A. B., 105, 165, 170.
Wolfe, F. E., 917.
Wolman, L., 549.
Wooster, H. A., 26.
Young, A. A., 181, 1004 (p).
Young, A. N., 158, 220 (p), 467 (p),

